



I'm not robot



I am not robot!

Brinell Hardness Conversion Chart. The requirement to convert from one hardness test scale to another is quite common and as such is covered by various International Standards (ASTM E, ISO Hardness Conversion Chart provides values for Brinell, Rockwell A, Rockwell B, Rockwell C, Rockwell Superficial T, Vickers, Shore, and tensile. The Equotip is the most versatile portable solution for hardness testing combining Leeb with Portable Rockwell. Since the various types of hardness tests do not all measure the same combination of material properties, conversion from one hardness scale to another is only an approximate process. Microsoft Word Steel Hardness Conversion Chart For this reason, it is recommended that the measured value is included in parenthesis following the conversion when reporting a converted hardness number. The comparison is Introduction. Reference table: Steel Hardness conversion chart Since the various types of hardness tests do not all measure the same combination of material properties, conversion HARDNESS CONVERSION PER ASTM E, STRENGTH PER ASTM A, TABLE Brinell Hardness HB/Rockwell Hardness Superficial Hardness Approx Conversion of hardness to hardness and hardness to tensile strength for unalloyed and low-alloyed steels and cast steels. The table values are guide values. These corrections are approximate only and represent the averages to the nearest 1/2 Rockwell number. A 10mm steel ball was used for BHN and below. This table shows approximate hardness of steel using Brinell, Rockwell B and C and Vickers scales. Brinell Scale kg Diam. Rockwell B Scale kg Diam. Rockwell C Scale kg Diam. Rockwell Superficial Scale kg Diam. kpsi Steel Hardness Conversion Table. These conversion charts are provided Conversion Table presents data in the Rockwell C hardness range on the relationship among Brinell hardness, Vickers hardness, Rockwell hardness, Rockwell superficial Soft Steel, Grey and Malleable Cast Iron and Most Non-Ferrous Metals. A 1mm carbide ball was used above BHN This table shows approximate hardness of steel using Brinell, Rockwell B and C and Vickers scales. These conversion charts are provided for guidance only as each scales uses different methods of measuring hardness. Because there are so many different types of steel hardness tests, a conversion table, allows us to take one measure and estimate the relative hardness on another measurement scale. HARDNESS CONVERSION PER ASTM E, STRENGTH PER ASTM A, TABLE Brinell Hardness HB/Rockwell Hardness Superficial Hardness Approx. In addition to steel balls, tungsten carbide balls have been introduced for Rockwell and Rockwell Superficial scales. Rockwell B Scale kg 1/16" Ball C Scale kg Diam. Tensile A KSI kg B kg C kg Tkg Tkg Tkg Dia. (mm) HB of Steel (PSI) A Scale kg Diam.